



CEITL Annual Report

FY 2023 (July 1, 2022, through June 30, 2023)

website: <https://www.unh.edu/professional-success/ceitl>

Part 1: Structure and Center Staff

Position	Name
Director	Catherine Overson
Science of Learning Project Coordinator	Lauren Kordonowy
Student Learning Outcomes Assessment Coordinator	Elizabeth Tappin
Graduate Assistant and Grant Research Associate	Jennifer Calawa
Learning Development and Innovation (LDI) Team:	
Learning Architect (Manager)	Scott Kimball
Learning Architect	Michael McIntire
Learning Architect	Xuan Cai
Learning Architect	Frances Keefe

CEITL Faculty Fellow (2022/2023 AY): Michele Lovell, Clinical Assistant Professor, Nursing
CEITL Steering Council

Name	Department
Kathrine Aydelott	University Library
Alicia Medros	Academic Technology
Leslie Couse	Engagement & Faculty Development
Scott Kimball	CEITL LDI
Jovana Milosavljevic-Ardeljan	Graduate School
Meaghan Dittrich	University Writing Programs
Dawna Perez	Academic Success

CEITL Advisory Committee

Name	
Kathrine Aydelott	Assistant Professor
Kimberly Babbitt	Associate Dean
Christopher Bauer	Professor
Alicia Medros	Director, TLT
Alison Paglia	Associate Professor
Jennifer Frye	Clinical Assistant Professor
Kholekile Gwebu	Associate Professor
Sophie Sparrow	Professor
Sara Withers	Senior Lecturer

Part 2: Relationships with other University-wide academic programs and offices

- *Writing Program*. Member, UNH Writing Committee (Overson).
- *UNH Graduate School*. (Overson)
 - TA and GA Orientations. During the Fall and Spring orientations, presented informational overviews of CEITL and Cognate program in college teaching (Overson).
 - Administered the Academic Program in College Teaching. The Center was responsible for a) academic advising for all graduate students enrolled in the programs, b) handling inquiries from and advising non-UNH people interested or involved in the Certificate in College Teaching, and c) activities related to course offerings: instructors, scheduling, advertising, etc. (Catherine Overson).
- *UNH New Faculty Orientation*: Represented CEITL.
- *Discovery*: Summer 2022 Graduate TA Inquiry Training (Kordonowy).
- *UNH Offices*: Worked with colleagues to develop and offer Teaching and Learning events for UNH faculty and staff. (Overson).
 - UNH Library (Kathryn Aydelott)
 - Community, Equity, & Diversity (Nadine Petty)
 - Student Accessibility Services (Scott Lapinski)
- *Academic Departments*.
 - Overson met with doctoral students in department regarding Academic Program in College Teaching:
 - Department of Psychology. (Fall semester).
 - Department of History. (Fall semester).
 - Physics: consulting with Physics Grad Coordinator on assessment options for Graduate student assessment plan (Overson).
 - Education: Implementing Mastery Gradebook for accreditation purposes (Kimball, Cai)
 - Humanities: Digital Humanities (LDI)
- SAS: Accessible UNH Project (Kimball)
- *UNH Online* (LDI Team): Online course Development support and review
- *Teaching and Learning Technologies* (LDI Team)
 - Re-envisioning Parker Media Lab continues
 - Workshops, presentations, pilot programs
 - Classroom Maintenance Committee with membership from TLT, SAS, Registrar, and Facilities (Kimball)
- *Hamel Center for Undergraduate Research*: Coordination and management of electronic evaluations, including the collection, analysis, and reporting of surveys for the following programs: URA, SURF USA, REAP, Inquiry Journal, INCO 590, and INCO 790; and, in addition, administered graduate surveys of students who participated in UROP/IROP (Academic Year 2022-23) (Tappin).
- *SAS (LDI)*: Workshops, technology/pedagogy support
- *PCBE (LDI)*: pilot Canvas Mastery Paths in the online MBA program
- Classroom Maintenance Committee and LST (LDI): Learning space evaluation/TEAL
- Technology: PML Launch; VR/AR; AI/ChatGPT (LDI [and Overson ChatGPT])
- RCR: Training Modules (LDI)

Part 2: Grant Related Activities and Fundings

Grant Consultations

- Collaborate on Chris Bauer's CEPS/COLSA NSF grant (STEM Gateway Practices) to coordinate the faculty teaching and learning developmental offerings with CEITL programming

Grant-related work (Davis Educational Foundation), ongoing <https://www.unh.edu/professional-success/ceitl/grants/science-learning-grants>

- *Student Cognition Toolbox* (see below **Student Success**) Continuing offering and supporting faculty in SCT deployments in their courses
- *Applying the Science of Learning across the Biological Sciences Curriculum to Increase Student Persistence and Academic Achievement in STEM* Grant. Work continues with faculty in, e.g., assessing learning outcomes through development and refining of background knowledge probes as pre/post assessments
- *Teaching and Learning with Multimedia*: offering GRAD course on Multimedia Principles in addition to CEITL Workshops
- *Cognition Toolbox* work with faculty continues through workshop presentations, consultations, and course related projects
- *Davis Educational Foundation Presidential Grant*: Teaching and Learning Resource Hub work continues in continual timely updating and periodic assessments usage statistics.

External Funding

- Awarded Davis Educational Foundation 2-year grant: *Self-Directed Learning: Promoting Students' Persistent Use of Effective Learning Strategies* \$183,328.00 (Two years beginning 11/21/22). (Overson, PI)

Revenue Generation

Net Revenue is generated for Academic Affairs by the Center's staffing, overseeing, and offering the Academic Program in College Teaching (GRAD courses).

Part 3: CEITL Activities

- Brierley 2023: <https://www.unh.edu/professional-success/ceitl/annual-events/jean-c-brierley-award-excellence-college-teaching>
 - In person. Recipient, Karen Collins.
- New Student Experience of Learning workgroup member (Overson, fall 2021-present)
- NECHE Self-Study Committee Standard 6: Teaching, Learning, and Scholarship (Overson, McIntire)
- Student Success: The Student Cognition Toolbox
 - Administered Fall 2019 – Spring 2023 (total students: > 13,000 to date)
 - Included Discipline-specific SCT in many gateway courses
 - Default (psychology content)
 - Statistics
 - Biology
 - Chemistry
 - Physics
 - Anthropology
 - Anatomy and Physiology

Part 4: CEITL Accomplishments

Publication Update Related to Work of CEITL

- Overson, C. E., Hakala, C. M., Kordonowy, L. L., & Benassi, V. A. (Eds.). (2023). *In their own words: What scholars and teachers want you to know about why and how to apply the science of learning in your academic setting*. Society for the Teaching of Psychology. <https://teachpsych.org/ebooks/itow>

Chapters in Published E-book:

- Overson, C.E., Hakala, C.M., Kordonowy, L.L., & Benassi, V.A. (2023). Introduction. In C. E. Overson, C. M. Hakala, L. L. Kordonowy, & V. A. Benassi (Eds.), *In their own words: What scholars and teachers want you to know about why and how to apply the science of learning in your academic setting* (pp. 1-7). Society for the Teaching of Psychology <https://teachpsych.org/ebooks/itow>
- Benassi, V.A., Overson, C.E., Kordonowy, L.L., Tappin, E.M., & Melville, M.C. (2023). Applying the Science of Learning: The Cognition Toolbox at 15 Years and Counting. In C. E. Overson, C. M. Hakala, L. L. Kordonowy, & V. A. Benassi (Eds.), *In their own words: What scholars and teachers want you to know about why and how to apply the science of learning in your academic setting* (pp. 1-7). Society for the Teaching of Psychology <https://teachpsych.org/ebooks/itow>
- Overson, C.E., Kordonowy, L.L., Calawa, J.F., Tappin, E.M., & Benassi, V.A. (2023). The Student Cognition Toolbox: Empowering Students to Become Better Learners. In C. E. Overson, C. M. Hakala, L. L. Kordonowy, & V. A. Benassi (Eds.), *In their own words: What scholars and teachers want you to know about why and how to apply the science of learning in your academic setting* (pp. 1-7). Society for the Teaching of Psychology <https://teachpsych.org/ebooks/itow>

Electronic Courseware Published for Worldwide Release

- Overson, C. E., Kordonowy, L. L., Benassi, V. A., Calawa, (2022/2023). *The Student Cognition Toolbox (Biology; Chemistry; Physics; Anthropology; Anatomy & Physiology)*, Carnegie Mellon University, Open Learning Initiative. <https://oli.cmu.edu/product-category/student-success/>

Formal Conference Presentations on CEITL Work:

- Society for the Teaching of Psychology Annual Conference on Teaching, October 2022 (Overson)
- National Institute for the Teaching of Psychology, January 2023 (Overson)
- Innovative Teaching and Learning Conference, March 2023 (Kordonowy, Calawa)

Part 5: CEITL's Major Goals and Objectives

The **Center for Excellence and Innovation in Teaching and Learning** strives to promote the highest quality of student learning by providing full-time faculty, part-time faculty, and teaching graduate students with the resources they need to implement in their classrooms the best practices in college teaching.

The Center's ongoing goals are:

- Provide direct consultation and assistance to teaching faculty and graduate students.
- Coordinate and manage (with the Graduate School) the Academic Programs in College Teaching (Cognate/Certificate in College Teaching).
- Work with CEITL Steering Council to further collaborate and coordinate efforts toward promoting the highest quality of teaching/learning.
- Conduct and report research related to college teaching and student learning.

- Offer pedagogy presentations/workshops and graduate courses on college teaching.
- Provide support to other UNH programs, projects, and committees.
- Organize the Jean Brierley presentation on college teaching.
- Disseminate publications, reports, and other resources to wide range of audiences.
- Link to and collaborate with regional, national, and international organizations related to our mission.
- Undertake special projects and initiatives related to the Center's mission.
- Continue to seek and acquire external funding in support of our mission.

The Center's Goals and Initiatives for the Next Academic Year:

- Critical Thinking Project: Begin work on faculty development regarding fostering students' critical thinking
- Peer Observation: Explore the development and offering of a certificate program for peer observation of teaching with an effort to ensure consistency, when possible, among peer observers.
- Self-regulated Learning: Expand the SCT to include components related to students' metacognitive development necessary for self-regulated learning (DEF grant proposal)
- UNH/GSC Merger: Support efforts related to merger activities related to teaching and learning
- NECHE: Work with NECHE group as a participating as a member of a NECHE Standard team, Standard 6: Teaching, Learning, and Scholarship.

Part 6: CEITL Participant Contact Information

CEITL Activity And Participant Enrollment/Activity Summary Table						
Activity	Sum 2022	Fall 2022	Jan 2023	Spring 2023	TOTAL	Registrations/Notes
MidTerm Assessment Process (MAP)		42		26	68	Sections
CEITL Participation Certificate (new enrollments)		9	3	11	23	Instructors/Staff/Grad
Jean Brierley Presentation				127	127	
CEITL Workshops						
Talk about Teaching Workshops		29/45		38/65	67/110	Unique registrations/Total across all events
January Workshops			38/104		38/104	Unique registrations/Total across all events
TA Inquiry Training	9				9	Graduate Student Participants
Summer Evidence Based Pedagogy Institute	30/71				30/71	Unique registrations/Total across all events
Faculty Consultations/Projects						
Course Projects to Promote Learning (AY)		4		3	7	Instructors (ongoing throughout the semester)
Faculty Consultations	10	12	5	11	38	Instructors (some are one-time, others ongoing throughout semester)
DEF Grant work Student Cognition Toolbox						
Course Sections		12		7	19	Instructors (involving initial and periodic consultation throughout semester)
Student Enrollments		2329		1023	3352	Students administered the SCT
Conferences/Presentations						
Davis Grant Related Conference Presentations		October	January	March		STP Annual Conference on Teaching; National Institute on the Teaching of Psychology; Innovative Teaching and Learning Conference
Department Presentations				x		Nursing
College Teaching Program						
GRAD Courses on College Teaching (total)	40	5	16	1	62	Instructors/Staff/Grad
Learning Development and Innovation (LDI)						
Fundamentals 'Courses'						
Fundamentals of Online Instruction	5			3	8	
Fundamentals of Active Learning			3	1	4	
FITSI (Summer 2022)	20				20	plus 71 non-cohort participants (keynotes)
Online Course Reviews	50				50	
Consulting Hours					150	Instructors (Total ~475 Hours)
Online Course Support					557	
Classroom Visits					10	PML and Rich Media support
Media Production (hours)					80	

Respectfully Submitted, Catherine Overson, PhD